

Product datasheet for **MC210086**

Pnkd (NM_001039509) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pnkd (NM_001039509) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pnkd
Synonyms: 2210013N15Rik; 2810403H05Rik; AI854243; Brp17; MNCb-5687; MR-1; Tahccp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210086 representing NM_001039509
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCGGTGGTAGCTGCTACGGCGCTGAAGGGCCGGGGGCGAGAAATGCCCGCTCCTCCGGGGGA
 TCCTCTCTGGAGCCACAGCTAACAAGGCTTCCCAGAACAGGACCAGAGCACTGCAGAGCCACAGCTCACC
 AGAATGCAAGGAGGAGCCGAGCCCTCTCCCCTGAGCTAGAATACATTCAGAAAGAGGGCAAGAAC
 CCCATGAAAGCCGTGGGGCTAGCCTGGTATAGCCTGTACACCCGAACCTGGCTTGGGTACCTCTTACC
 GACAGCAGCTTCGGAGGGCTCGGAATCGTATCCCAAAGGCCACTCCAAAACCTCAGCCCCGCTCTTCAA
 TGGAGTGAAGGTGCTTCCATCCCTGTCCTCTCGGACAACCTACAGCTACCTCATCATCGACACCCAGGCT
 GGGCTGGCAGTGGCTGTGGACCCCTCAGACCCGAGGGCTGTGCAGGCTTCCATTGAAAAGGAAAGAGTTA
 ACTTGGTTGCCATTCTCTGCACCCACAAGCACTGGGACCACAGTGGAGGGAACCGTGACCTCAGCCGGCG
 GCACAGGACTGTCGAGTGTATGGGAGCCCTCAGGATGGTATCCCTACCTACCCACCCCTGTGTCAT
 CAAGATGTGGTCAGCGTGGGACGACTTCAGATTCGAGCCCTAGCCACCCCTGGCCACACTCAAGGCCATC
 TGGTCTACCTGCTGGATGGGAGCCCTACAAAGTCCCTTCTCAGGGGACCTGCTCTTCT
 CTCTGGCTGTGGACGGACCTTCGAAGGCACAGCGGAGACCATGCTGAGCTCACTGGACACTGTGTTAGAC
 CTGGGGATGACACCCTGCTGTGGCCTGGGCATGAATACGCAGAAGAGAACCTGGGCTTTGCAGGCGTGG
 TGGAGCCCGAGAACTTGGCTCGTGAGAGGAAGATGCAGTGGGTACAGAGGCAACGGATGGAACGCAAGAG
 CACATGCCATCCACCCTGGGAGAGGAACGCGCCTACAACCCATTCTGAGAACCATTGCTGGAACCTA
 CAGGAGGCTCTGGGGCCAGGGCCAGGCCACCAGTGTACGGCTGCTCCCGGGCCAGCTCCTGGAGG
 AGCTGCGCCGCTGAAGGACATGCATAAAAGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_001039509
Insert Size:	1158 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001039509.1, NP_001034598.1</u>
RefSeq Size:	2956 bp
RefSeq ORF:	1158 bp
Locus ID:	56695
UniProt ID:	<u>Q69ZP3</u>
Cytogenetics:	1 C3
Gene Summary:	Probable hydrolase that plays an aggravative role in the development of cardiac hypertrophy via activation of the NF-kappa-B signaling pathway.[UniProtKB/Swiss-Prot Function]